

COMPRESSOR MOTOR-END BEARING HAVING OIL LEAKAGE PATH**ABSTRACT OF THE DISCLOSURE**

A compressor includes a motor having a rotor for driving a shaft, to drive compressor pistons. A lubricant supply system supplies lubrication to the moving elements within the compressor and motor. A suction fluid to be compressed passes over the motor on its way to the compression chambers. The oil is returned from a bearing mounting an end of the shaft intermediate the motor rotor and the compressor pistons. The bearing mount ensures that the lubricant is returned away from the motor rotor, to reduce the amount of oil that is entrained in the fluid to be compressed.

N:\Clients\CARRIER\IP00283\PATENT\Application 283 inv. changes.doc